|   | Index of Claims App                              |                   |           |                 |           |           |          |         |              |              |           |              |          | Application No. |                         |                        |                 |           |              |                         |  |            | Applicant(s)                                     |              |                 |         |           |          |              |         |          |     |     |
|---|--|-------------------|-----------|-----------------|-----------|-----------|----------|---------|--------------|--------------|-----------|--------------|----------|-----------------|-------------------------|------------------------|-----------------|-----------|--------------|-------------------------|--|------------|--|--------------|-----------------|---------|-----------|----------|--------------|---------|----------|-----|-----|
|   | Index of Claims                                  |                   |           |                 |           |           |          |         |              |              |           |              |          |                 | 00/004 046              |                        |                 |           |              |                         |  |            |  | UER EC ET AL |                 |         |           |          |              |         |          |     |     |
|   |  |                   |           |                 |           |           |          |         |              |              |           |              |          |                 |                         | 09/964,316<br>Examiner |                 |           |              |                         |  |            |  |              | HEILES ET AL.   |         |           |          |              |         |          |     |     |
|   |  |                   |           |                 |           |           |          |         |              |              |           |              |          |                 | Cantiner                |                        |                 |           |              |                         |  |            |  |              | AIL             | VIII    |           |          |              |         |          |     |     |
|   |  |                   |           |                 |           |           |          |         |              |              |           |              |          |                 | Charles W. Stewart, Jr. |                        |                 |           |              |                         |  |            |  | 285          | 3               |         |           |          |              |         |          |     |     |
|   |  |                   |           |                 |           |           |          |         |              |              |           |              |          |                 |                         |                        |                 |           |              |                         |  |            |  |              |                 |         |           |          |              |         |          |     |     |
|   |  | (Through numeral) |           |                 |           |           |          |         |              |              |           |              |          |                 |                         | Non-Elected            |                 |           |              |                         |  |            |  |              |                 |         | 7         |          |              |         |          |     |     |
|   | √ Rejected -                                     |                   |           |                 |           |           |          |         |              |              | Cancelled |              |          |                 |                         |                        |                 | Į,        | N Non-Elec   |                         |  | lect       | ted  | A            |                 | Appeal  |           |          |              |         |          |     |     |
|   | <del>                                     </del> |                   |           |                 |           |           |          |         | $\vdash$     |              |           |              |          |                 |                         |                        | ——  -           |           |              |                         | <del>                                     </del> |            |  |              | $\dashv$        |         |           |          | -            | 1       |          |     |     |
|   | = Allowed  |                   |           |                 |           |           |          | +       | + Restricted |              |           |              |          |                 | I Interference          |                        |                 |           |              |                         | 0  | 0          | bje  | cte          | d               |         |           |          |              |         |          |     |     |
|   |  |                   |           |                 |           | _         |          |         | _            | _            |           |              |          |                 |                         |                        |                 | L         |              |                         |  |            |  | 1            |                 |         |           |          |              | ر       |          |     |     |
| ı | Cla  | ím                | Date      |                 |           |           |          | _       |              |              |           | Cla          | im       | Г               |                         | _                      | D               | ate       |              |                         |  |            | Ci   | aim          |                 | Date    |           |          |              |         |          |     |     |
| l |  |                   | 4         | П               | Т         | T         | Т        | T       | Т            | Т            |           |              |          | 4               |                         | П                      | П               | Т         | Т            | Т                       | Τ  | 1          | -  | al           |                 | Т       |           |          | T            |         | П        |     |     |
|   | Final  | Original          | 11/13/04  |                 |           |           | ľ        |         | 1            |              |           | Final        | Original | 11/1304         |                         |                        |                 | 1         | ı            | 1                       |  | 11         | Finat  | Original     |                 |         |           |          |              |         |          |     |     |
|   | E  | Ö                 | =         |                 |           |           | 1        |         |              |              |           | <u>.</u>     | ŏ        | 루               |                         | - 1                    |                 | -         | 1            | 1                       |  |            | <b>L</b>   | ŏ            |                 |         |           |          |              |         |          | 11- | ز ا |
|   |  | 02.               | $\exists$ | -               | $^{+}$    | +         | 十        | +       | 十            | +-           |           | H            | 51       |                 | Н                       | 7                      | 7               | 1         | †            | T                       | 1  | 1          |  | 101          |                 | 士       | П         | $\dashv$ | $\top$       | 士       |          | 90  | 3   |
|   |  | 1                 |           |                 | 1         | I         | 工        | 工       | I            |              | _ ا       |              | 52       | Ξ               |                         | $\Box$                 | $\Box$          | $\Box$    | Ţ            | $\Box$                  | $\perp$  | ]          |  | 102          | $\Box$          | Ţ       |           | $\Box$   | $\perp$      | 1       | Н        | 6   |     |
|   |  | 2                 |           | 4               | -         | 4         | 4        | +       | ╄            | ŀ            |           |              | 53       | Н               | Н                       |                        | -               | +         | +            | +                       | ╀  | <b>┤</b> │ | -  | 103<br>104   | $\vdash$        | ╫       | Н         | $\dashv$ | ┿            | +       | Н        | `   |     |
|   |  | 5                 | 4         | $\dashv$        | +         | +         | +        | ╅       | ╀            | ╀            |           | H            | 54<br>55 | $\vdash$        | Н                       | ┥                      | -               | ╅         | +            | ┿                       | +  | 1          | -  | 105          | $\vdash$        | ╁       | Н         | $\dashv$ | ╅            | ╅       | Н        |     |     |
|   |  | 6                 | <u> </u>  | $\dashv$        | +         | $\dagger$ | +        | ╅       | +            | 十            |           |              | 56       | Н               | Н                       | 寸                      | $\exists$       | 1         |              | 1                       | T  | ]          |  | 106          |                 |         |           |          | 士            | 1       |          |     |     |
|   |  | 7                 |           |                 |           | 1         | $\Box$   |         | I            |              |           |              | 57       |                 |                         | $\Box$                 | $\sqsupset$     | 4         | Ţ            | T                       | Ţ  | ]          |  | 107          | $\Box$          | $\perp$ | П         |          | $\downarrow$ | 1       | Н        |     |     |
|   |  | 8                 | ~         | $\Box$          | -         | 4         | 4        | 4       | ╀            | ╀-           |           |              | 58<br>59 | <b>—</b>        | Н                       |                        | -               | -         | +            | +                       | ╀  | -          | <u> </u>   | 108          | $\vdash$        | ┿       | Н         | $\dashv$ | +            | ╌       | Н        |     |     |
|   |  | 10                | 4         | $\dashv$        | $\dashv$  | +         | ╁        | ╫       | ╁            | ╁            | 1         | ├─           | 60       | H               | Н                       | $\dashv$               | +               | +         | +            | ╈                       | ╈  | 1          | $\vdash$   | 110          | $\vdash$        | +       | Н         | 7        | ╅            | 十       | H        |     |     |
|   |  | 11                | Z         | $\dashv$        | 十         | +         | +        | ╅       | +            | 1            |           |              | 61       |                 |                         |                        | $\Box$          |           | 土            | 土                       | 土  | ]          |  | 111          |                 |         |           |          |              |         |          |     |     |
|   |  | 12                | Z         |                 |           | 1         | $\perp$  | $\top$  | T            | $\Box$       | ]         |              | 62       | П               | П                       |                        | _               | 4         | $\downarrow$ | $\bot$                  | 4  | <b>↓</b>   |  | 112          | Н               | +       | Ш         | -        | 4            | +       | $\dashv$ |     |     |
|   |  | 13                |           | $\dashv$        | 4         | 4         | 4        | +       | +            | $\vdash$     | l         | <u> </u>     | 63<br>64 | $\vdash$        | Н                       |                        | $\dashv$        | +         | +            | ╁                       | ┿  | ┨          | -  | 113          | H               | +       | $\vdash$  | $\dashv$ | +            | +       | Н        |     |     |
|   |  | 14<br>15          | ~         | $\dashv$        | -+        | +         | +        | ╅       | +            | ╁            | 1         | $\vdash$     | 65       | $\vdash$        | Н                       | -                      | ┪               | $\dashv$  | +            | +                       | +  | ┥ᅦ         |  | 115          | H               | 十       | Н         | -        | 十            | ╁       | H        |     |     |
|   |  | <b>(16)</b>       | 7         | $\dashv$        | $\dashv$  | +         | ╅        | +       | +            | t            | 1         |              | 66       |                 |                         |                        |                 |           | 土            |                         | 土  | ]          |  | 116          |                 | I       |           |          | 1            | 工       |          |     |     |
|   |  | 77                | Z         |                 |           | 1         |          |         |              |              |           |              | 67       |                 | П                       | $\square$              |                 | $\perp$   | 1            | $\bot$                  | 1  | 4          | <u> </u>   | 117          | $\sqcup$        | +       | Ш         | $\sqcup$ | 4            | ╀       | Н        |     |     |
|   |  | 18                | ~         | $\Box$          | $\dashv$  | 4         | +        | +       | +-           | ╁            | -         |              | 68<br>69 | $\vdash$        | Н                       | $\dashv$               | -               | +         | +            | +                       | +  | 4          |  | 118<br>119   | Н               | +       | Н         | $\dashv$ | +            | ╫       | Н        |     |     |
|   |  | 20                |           | $\dashv$        | $\dashv$  | +         | +        | ╅       | ╫            | ╁╌           | ł         |              | 70       | Н               | Н                       | -1                     | 1               | +         | 十            | 十                       | +  | 1          | ┢  | 120          | H               | 十       | H         | $\vdash$ | $\top$       | +       | Н        |     |     |
|   |  | 21                | 7         |                 | $\exists$ | $\dagger$ | 十        | 1       | 士            | 士            | 1         |              | 71       |                 |                         |                        |                 |           | 1            | 1                       |  |            |  | 121          |                 | I       |           |          | #            | Ţ       |          |     | 1   |
|   |  | 22                | 2         |                 | $\Box$    | $\Box$    | $\Box$   | I       | I            | $oxed{\Box}$ |           |              | 72       |                 |                         |                        | $\Box$          | 4         | 1            | _                       | 4  | 4          | <u> </u>   | 122          | $\vdash$        | 4       | 1         | Н        | 4            | 4       | Н        |     |     |
|   |  | 23                | 4         |                 | -         | +         | +        | +       | +            | <del> </del> | ł         |              | 73<br>74 | $\vdash$        | Н                       | $\dashv$               | $\dashv$        | $\dashv$  | +            | +                       | ╫  | +          | ├  | 123<br>124   | ┝┼              | ╫       | $\vdash$  | $\dashv$ | ╅            | ╁       | H        |     |     |
|   |  | 24<br>25          | <u> </u>  |                 | 十         | +         | ╅        | +       | +            | ╁╌           | 1         |              | 75       | H               | Н                       | $\dashv$               |                 | +         | +            | +                       | †  | 1          |  | 125          | H               |         | П         |          |              |         | П        |     |     |
|   |  | (26)              | =         |                 |           | 1         | 士        | 止       | 工            | 1            | 1         |              | 76       |                 |                         |                        |                 | $\Box$    | I            | I                       | T  | ]          |  | 126          | $\Box$          | I       |           |          | _[_          | 1       |          |     |     |
|   |  | 27                | =         | $\Box$          | _         | 4         | 4        | 4       | 4            | ╀-           |           | <u> </u>     | 77       | L               | Н                       |                        | _               |           | +            | +                       | ╬  | -          | <u> </u>   | 127<br>128   | $\vdash$        | +-      |           | Н        | +            | +       | +        |     |     |
|   |  | 28                | Ξ         | Н               | $\dashv$  | +         | +        | ╫       | +            | ╀            | ┨         | $\vdash$     | 78<br>79 | H               | $\vdash$                | $\dashv$               | -               | +         | +            | 十                       | ┿  | ┨          | ├  | 129          | $\vdash \vdash$ | ┿       | ╁         | Н        | 十            | +       | Н        |     |     |
|   |  | 29<br>30          | =         | H               | _         | $\dashv$  | 十        | 1       | +            | $\dagger$    | 1         |              | 80       |                 |                         |                        |                 | $\exists$ | 1            | 土                       | 1  | 1          |  | 130          |                 | 土       |           |          | 士            | 工       |          |     |     |
|   | .*   | 31                | 11        |                 | $\Box$    | コ         | 1        | T       | T            | Г            |           |              | 81       |                 | П                       |                        |                 | $\Box$    | I            | $\perp$                 | T  | ]          |  | 131          | $\prod$         | $\bot$  | ↓_        | $\sqcup$ | $\bot$       | 4       | H        |     |     |
|   |  | 32                | Ξ         | Н               | -         | 4         | 4        | +       | +            | ╀            | -         | ऻ—           | 82<br>83 | ⊢               | Н                       | Н                      | Н               | +         | +            | +                       | ┿  | -          | <del> </del>                                     | 132<br>133   | ₩               | ╀       | ╁         | Н        | +            | ╂       | +        |     |     |
|   |  | 33<br>34          | =         | Н               | $\dashv$  | +         | +        | ╁       | +            | ╁            | 1         | <del> </del> | 84       | ┢╾              | $\vdash$                | Н                      | $\dashv$        | +         | +            | +                       | +  | 1          | <del>                                     </del> | 134          | $\vdash$        | 十       | $\vdash$  | H        | 十            | +       | +-       |     |     |
|   |  | 35                | Ξ         | H               | $\dashv$  | +         | +        | 十       | +            | $\top$       | 1         |              | 85       |                 |                         |                        |                 | ⇉         | 士            | 1                       | $\perp$  | ]          |  | 135          |                 |         |           |          |              |         |          |     |     |
|   |  | 36                | =         |                 |           | $\Box$    | $\Box$   | $\perp$ | I            | I            |           |              | 86       | 匚               |                         |                        | Ц               | _         | $\perp$      | 4                       | Ţ  | -          | <u> </u>   | 136          | Н               | _ _     | -         | Н        | 4            | +       | +        |     |     |
|   |  | (Z)               | Ξ         | Н               | $\dashv$  | +         | +        | +       | ┿            | ╀            | 1         | ⊢            | 87<br>88 | ┝               | Н                       | Н                      | $\dashv$        | ┪         | +            | +                       | ┿  | -          |  | 137          | ╁               |         | $\vdash$  | Н        | +            | ╁       | +        |     |     |
|   |  | 38<br>39          | ٥         | Н               | $\dashv$  | +         | +        | ╅       | ╁            | ╁            | 1         | ├─           | 89       | ┢               | Н                       | Н                      | H               | $\dashv$  | 十            | 十                       | +  | 1          | _  | 139          | $\vdash$        | $\top$  | T         | H        | 十            | T       | T        |     |     |
|   |  | 40                | Ξ         | H               |           | 1         | 1        | 1       |              |              | 1         |              | 90       |                 |                         |                        |                 | $\Box$    | 工            |                         | 工  | ]          |  | 140          |                 | I       |           |          | $\Box$       | I       | $\Box$   |     |     |
|   |  | 41                | E         |                 | $\Box$    | 1         | 1        | I       | I            | I            |           | 匚            | 91       |                 |                         | Д                      | Ц               | $\bot$    | $\bot$       | 4                       | 1  | 4          |  | 141          | П               | +       | 1         | Ш        | +            | +       | +        |     |     |
|   |  |                   | -         | H               | $\dashv$  | 4         | -        | +       | +            | ╀            | 1         | ⊢            | 92<br>93 | +               | $\vdash$                | Н                      | $\dashv$        | +         | +            | +                       | +  | -          | <del> </del>                                     | 142          | $\vdash \vdash$ | +       | $\vdash$  | ⊢┤       | +            | +       | +        |     |     |
|   |  | 38<br>49          | -         | $\vdash \vdash$ | +         | +         | +        | +       | +            | +            | 1         | -            | 94       | ┢               | -                       | H                      | $\dashv$        | 十         | 十            | +                       | 十  | 1          |  | 144          |                 | $\top$  | T         | П        | _            | 1       |          |     | 1   |
|   |  | 45                | Ξ         | H               |           | 士         | 士        | 1       | 1            | 上            | 1         |              | 95       |                 |                         |                        |                 | コ         | #            | 1                       | 工  | ]          |  | 145          | П               | I       |           | 口        | T            | Ţ       | $\Box$   |     |     |
|   |  | AC                | u         | П               |           | 1         | 工        | 4       | $\bot$       | L            |           |              | 96       | L               |                         | Ш                      | Ц               | 4         | 4            | 4                       | +  | 4          | <u> </u>   | 146          | Н               | +       | ╀         | Н        | +            | +       | +        |     |     |
|   |  | 19                | $\vdash$  | Н               | $\dashv$  | +         | -        | +       | +            | +            | 1         | <u> </u>     | 97<br>98 | ├               | $\vdash$                | $\vdash$               | $\vdash \vdash$ | $\dashv$  | +            | +                       | +  | $\dashv$   | $\vdash$   | 147          | $\vdash \vdash$ | +       | +         | Н        | ┰            | 十       | +        | 1   |     |
|   | -  | 48<br>49          | =         | H               | +         | 十         | $\dashv$ | 十       | +            | +            | 1         | 1            | 99       | T               | $\vdash$                | Н                      |                 | ╛         | 1            | I                       | 1  |            |  | 149          |                 | I       |           |          |              | 工       |          | ]   |     |
|   | <del>                                     </del> | 50                | =         | П               |           | 7         | $\dashv$ | 7       | T            | Т            | ]         |              | 100      | L               |                         |                        |                 |           | $\Box$       | $oldsymbol{\mathbb{T}}$ | Τ  | ]          |  | 150          | $\Box$          | $\perp$ | $\coprod$ | $\Box$   | $\Box$       | $\perp$ |          | j   | - 1 |